Top 12 Fixes For WHEA Uncorrectable Error in Windows

October 30, 2021

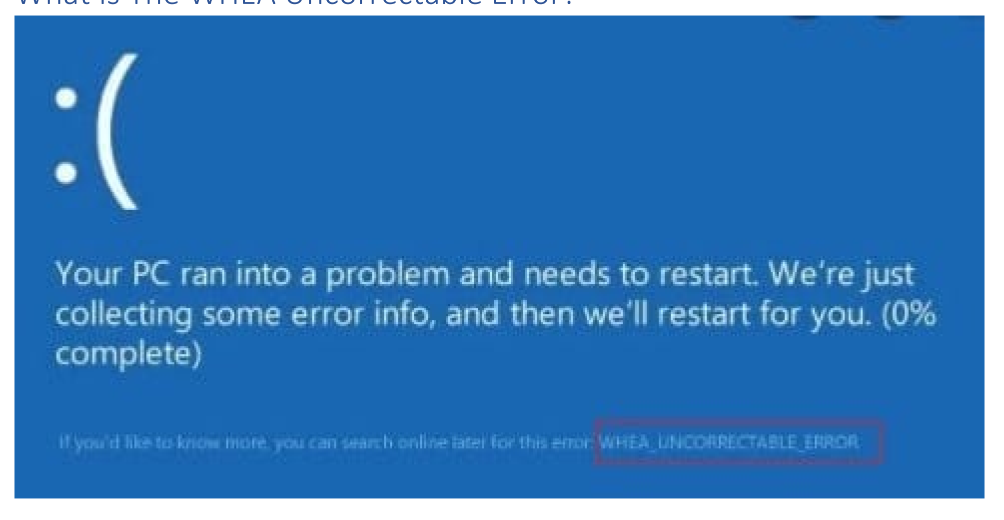


Blue screen problems with a stop code. Software and hardware-related failures have a lengthy history in Windows. Even with the most current version of Windows, you may still get a BSOD problem. WHEA errors occur so infrequently. Blue screens of death error messages are among the most irritating Windows problems.

Uncorrectable WHEA problems are typically caused by malfunctioning hardware. They can also be caused by driver incompatibilities, missing Windows updates, or even overclocking.

Table of Contents

What Is The WHEA Uncorrectable Error?



WHEA is an acronym for Windows Hardware Error Architecture. When things go wrong, it's a software mechanism integrated into Windows. It allows the operating system to interface with hardware and understands errors from that hardware. WHEA is one of the kinds of blue screen error messages.

Standardized report layout and content, as well as plenty of technical data. WHEA allows the computer to log and organize faults from your hardware.

The most crucial thing to recognize from all of this. WHEA errors occur when your computer's physical hardware reports an error. Usually, it is then identified by WHEA.

What Causes The WHEA Uncorrectable Error?

The WHEA UNCORRECTABLE ERROR warning appears on a blue screen. Usually in the Windows system. It can be triggered by one of two reasons.

- You've had hardware issues.
- You're having issues with Windows 10 drivers, which are most likely incompatible with your operating system.

You won't be able to use your desktop PC or laptop until the problem is resolved.

WHEA UNCORRECTABLE ERROR is a (BSOD) blue screen error. Various hardware problems in Windows 10 can trigger it.

- The hard disk is not responding.
- Your RAM isn't working correctly.
- Your mainboard isn't functioning correctly.

Uncorrectable WHEA The following are examples of error variations:

- WHEA UNCORRECTABLE ERROR windows 10 Sysprep
- WHEA UNCORRECTABLE ERROR overclock
- WHEA UNCORRECTABLE ERROR hal.dll, ntoskrnl exe
- WHEA UNCORRECTABLE ERROR overheat
- WHEA UNCORRECTABLE ERROR startup
- WHEA UNCORRECTABLE ERROR BIOS update

Methods To Fix "WHEA Uncorrectable Error"

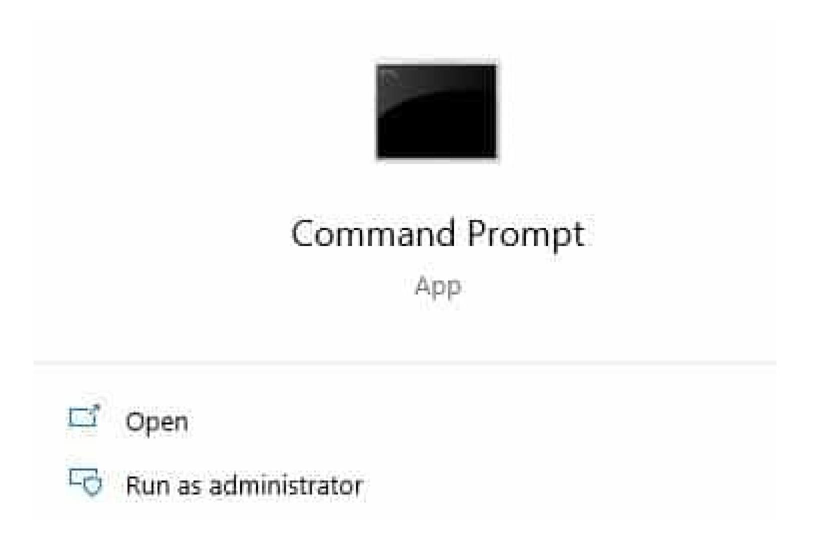
1. **Run CHKDSK**
2. **Reset System Overclocking**
3. **Check Your System Hardware Components**
4. **Check Your Computer Drivers**
5. **Check Your RAM**
6. **Perform A System Restore**
7. **Run Windows Memory Diagnostic**
8. **Update Your Windows Operating System**
9. **Disable Turbo Boost feature in BIOS**
10. **Try To Repair with Installation Disk**
11. **Reset BIOS/UEFI Firmware Setting**
12. **Reset Windows 10**

1. Run CHKDSK

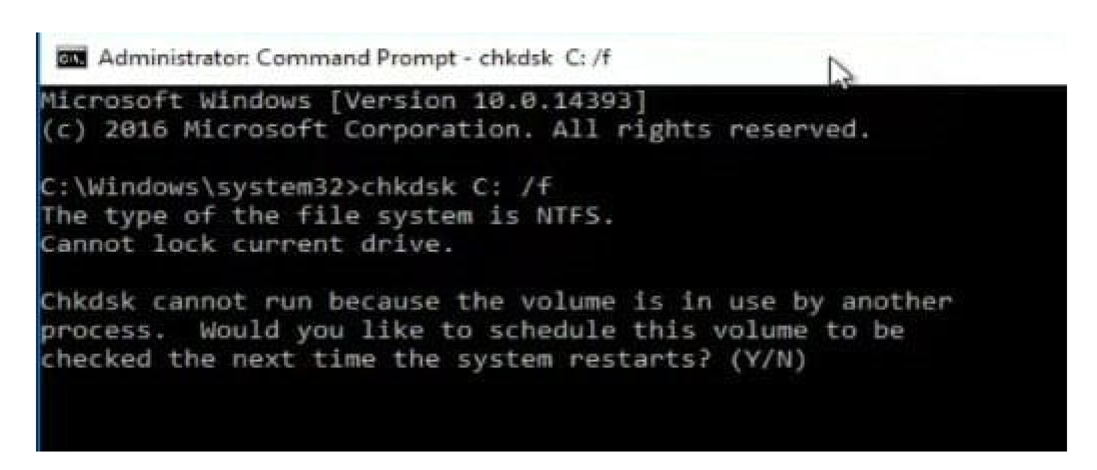
Windows Check Disk is a built-in Windows utility. It scans your computer's system files. It attempts to automatically repair any corrupted system files identified on the hard drive. You can complete this step without using advanced startup to boot into safe mode. Try to execute it normally in Windows mode. Some of your system files were likely corrupted while you were using Windows or updating it.

- Follow the steps below to run Windows Check Disk on your hard drive.

- Search for Command Prompt on your PC. First, press Windows key + S.
- To run Command Prompt with administrative access, click Run as Administrator.



- Finally, put **chkdsk C: /f** into Command Prompt and press Enter.



- Windows Check Disk will try to fix all of your computer's broken files. After the operation is finished, restart your computer. Use it usually to see if the WHEA blue screen error would still occur.

See also 12 Fixes For Print Screen Not Working on Windows

2. Reset System Overclocking

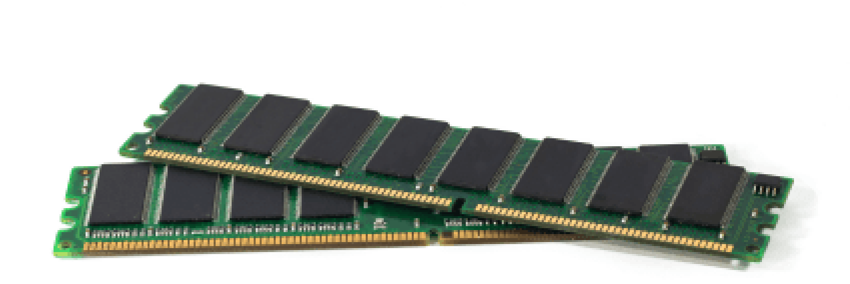
You may have overclocked your computer to achieve faster speeds. You may encounter the WHEA UNCORRECTABLE ERROR. "Reset BIOS settings" is the simplest way to get rid of WHEA errors. Remove the impact of any overclocking you may have done.

- First, ensure your computer is turned off completely. Then, to turn it on, hit the power button and continuously press the DEL key on your keyboard until the BIOS settings show.
- Then, on your BIOS/UEFI Firmware Settings Settings, go to the Exit tab.
- Finally, restore your BIOS to its default settings and save your changes.
- After disabling overclocking settings from your BIOS, restart your computer correctly.
- Check whether the WHEA uncorrectable error message still appears.
- If you're still having difficulties with your Windows PC after resetting the BIOS. Try the following WHEA Uncorrectable Error Fix listed below.

3. Check Your System Hardware Components

One of the most common reasons for WHEA UNCORRECTABLE ERROR is a problem with your computer's faulty hardware components.

You should inspect your system hardware. Check for improperly seated CPU or RAM. You can monitor RAM and CPU usage. You can also use several tools to assist with hardware testing.

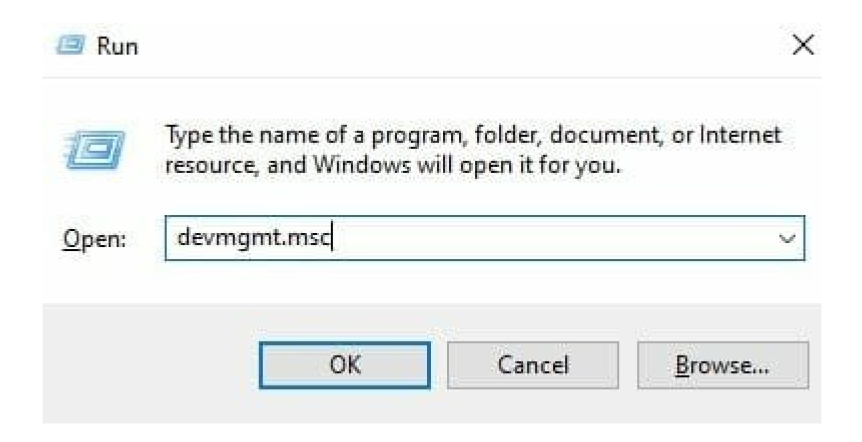


On the Internet, there are a plethora of hardware diagnostic tools. You can use various dedicated hardware diagnostic tools.

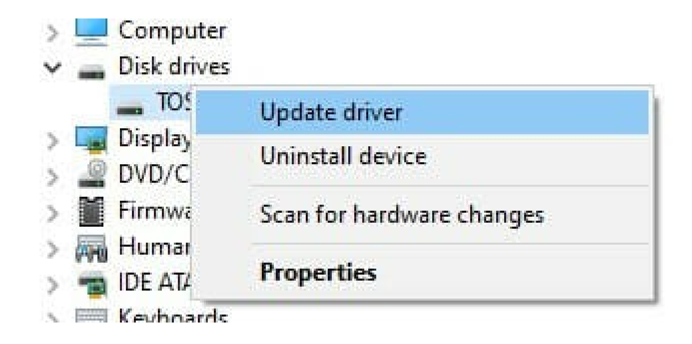
4. Check Your Computer Drivers

Suppose the problem persists after you've installed a new hardware driver. Upgrade your operating system as well. Your computer's drivers are to blame. You can see if your computer has any broken or outdated drivers. To check it right now, simply follow the steps below.

- To begin, choose Device Manager. Device Manager may be accessed by right-clicking the Windows 10 start menu and selecting it.
- Alternatively, you can access the Run box by pressing Windows key + R. After that, type **devmgmt.msc** and press Enter.



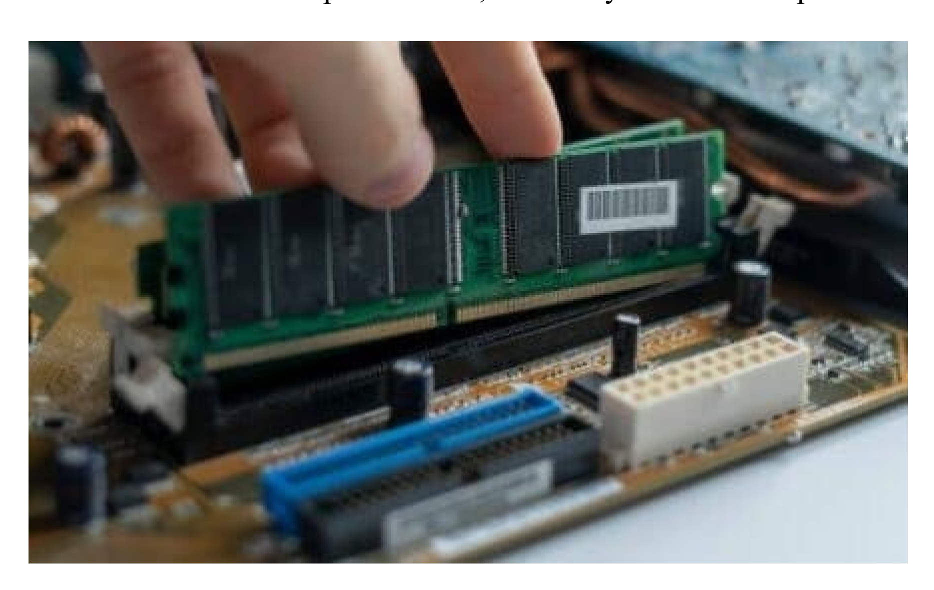
- Locate and expand the Disk drivers folder.
- Right-click any device that has a yellow or red sign to update the driver.



You can also get driver management software for free on the internet. It can detect and fix broken or corrupted drivers. It may save you time because you won't have to check all of the drivers manually.

5. Check Your RAM

When your computer memory is not correctly positioned in the RAM slot, the WHEA uncorrectable error can occur. You might be able to access the motherboard by opening the computer casing. Then, using alcohol and cotton, carefully remove the RAM sticks from your motherboard's contact points. Also, check if you have corrupt RAM.



Replace the memory in your motherboard's RAM slots after that. Restart your computer as usual. After cleaning your memory, try using it for a few minutes to see if the WHEA blue screen error message still appears.

However, the WHEA hardware error notice continues to be a problem for you. To try to fix the problem on your computer, move on to the next step listed below.

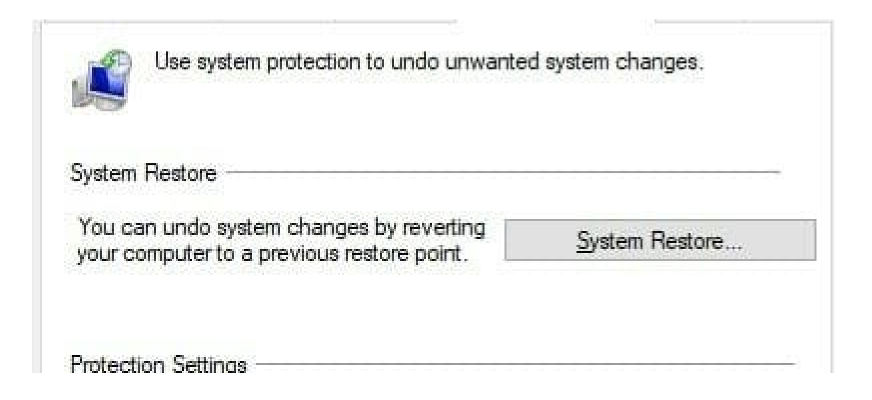
6. Perform A System Restore

You have problems with your machine, such as WHEA Uncorrectable Error Windows 10. You can restore your PC to a previous date by using the restore points you've established. You can make your system back to normal in this instance. Usually, you have not seen WHEA Uncorrectable Error in this case.

See also How to Download Standard SATA AHCI Controller Driver on Windows

In Windows 10, how can I get to System Restore?

- Write-In the Windows 10 search box, type “restore point.”
- Select System Restore from the drop-down menu.



- To restore, select a restore point. In the pop-up box, choose Next.
- Click the Next button after selecting a restore point you established.



- When you’re done, click the Finish button.

7. Run Windows Memory Diagnostic

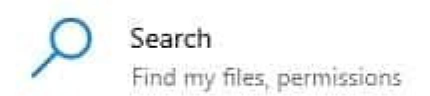
If you encounter any errors caused by software or hardware difficulties, such as a failing hard drive or RAM, please contact us. Make use of the tools that come with Windows. You can use the Windows Memory Diagnostic Tool to troubleshoot any RAM difficulties. Follow these actions to get begun with the tool.

- Press and hold the Windows and R keys at the same time. The run command line will appear. Enter “mdsched.exe” into the command prompt.
- Click “Restart immediately and check for problems” on the Windows Memory Diagnostic window.
- After that, your computer will restart. A blue screen will show you how far the memory scan has progressed.
- If there are no problems with your RAM, your computer will simply restart.

8. Update Your Windows Operating System

It’s simple to check for new updates for your computer. You have to open the Windows Update application and click “Check for Updates.” It’s possible that the present version of Windows already has issues. Microsoft will release a newer version to fix the problem.

- Select the Windows icon from the menu.
- Go to the settings menu (gear icon).
- Choose the Update & Security option.

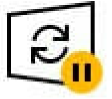






- In the left sidebar, select the Windows Update tab (circular arrows)
- Check for updates by clicking the Check for updates button. If an update is ready, it will begin downloading automatically.

Windows Update



Updates paused

Your device won't be up to date while updates are paused.
Updates will resume on 20-09-2021

Resume updates

- Don't worry if you don't see an update; this page will notify you if your hardware is incompatible right now.
- You'll need to restart Windows to complete the update, but you can do it later if it's not urgent. It's quite simple to do so if you follow these simple guidelines.

9. Disable Turbo Boost Feature In BIOS

The WHEA UNCORRECTABLE ERROR can happen when specific BIOS features are enabled. Several people claimed that deactivating Turbo Boost in BIOS solved their problem. Simply give it a shot to see if it addresses the issue.

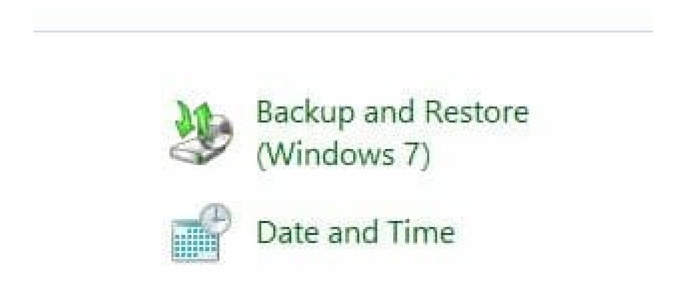
Check to see if your BIOS supports this function and where you may locate it. I strongly suggest you consult the handbook that came with your motherboard. If you have Intel Turbo Boost on your computer, I recommend that you uninstall that as well.

It's worth noting that other settings can also cause this issue. It's possible that resetting the BIOS to default settings will fix the problem. The problem should be resolved after that.

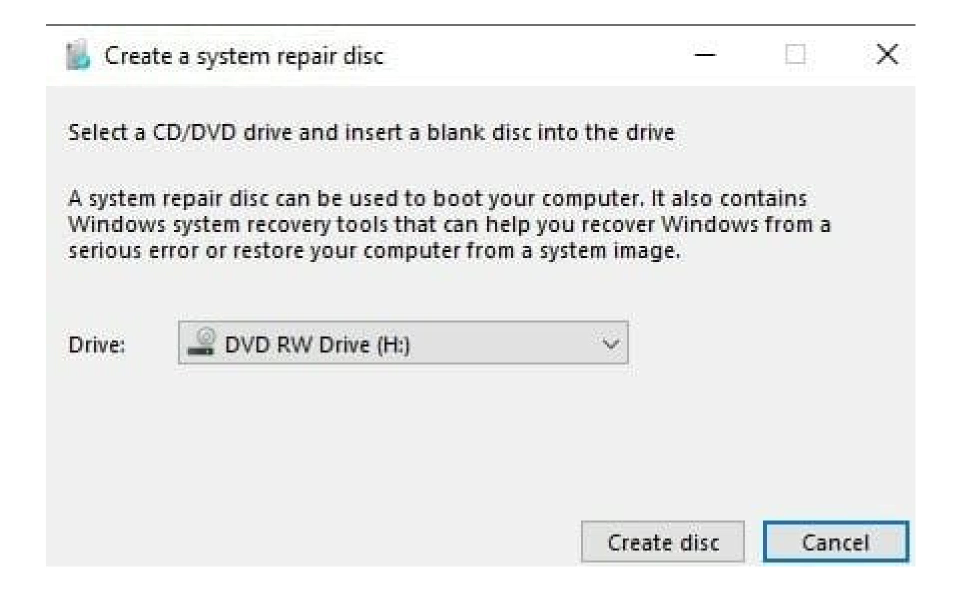
10. Try To Repair With Installation Disk

When you receive the error, your computer may still fail to boot. Make a Windows repair disk and use it to fix your system error. A healthy and bootable PC is required to produce a repair disk.

- Place the CD/DVD in the DVD-ROM or an external DVD drive.
- On the computer screen, go to "Control Panel," then "Backup and Restore."



- Select the option “Create a system repair disk” from the left column. It will open the repair disk creation window. To make a system repair disk, follow the on-screen directions.



- Connect the disk to the computer that is experiencing WHEA uncorrectable error.
- To boot from the disk, restart the computer. If booting from a CD/DVD is not possible, you may need to adjust the boot settings in your BIOS.
- Make the appropriate language, time, and keyboard selections on the “Install Windows” screen, then click “Next.”
- Click “Repair Your Computer” on the following screen. Do not press the “Install now” button. After that, click “Next” and choose “Startup Repair” or whatever choice you select.
- Check to see if the WHEA problem has been resolved. If the fault persists, you can use the repair disk to restore the system.

See also 20 Best Ways To Fix Computer Won't Wake Up From Sleep

11. Reset BIOS/UEFI Firmware Setting

Stability concerns are another probable reason for the WHEA error message on Windows 10.

You can try resetting your BIOS settings. All of the system settings that you have changed will be reset to their default values.

- Make sure your computer is turned off entirely. Then, to turn it on, push the power button.
- Repeat tapping the DEL key on your keyboard until the BIOS settings appear.
- Then, on your BIOS/UEFI Firmware Settings Settings, go to the Exit tab.
- Finally, restore your BIOS to its default settings and save your changes.
- Restart your computer as usual. Examine your PC to see if the WHEA uncorrectable error notice still appears.

12. Reset Windows 10

To Reset your system, use the Windows 10 Reset feature. Windows 10 Reset restores all of your system files with brand new ones. It should presumably resolve any remaining WHEA UNCORRECTABLE ERROR issues. Windows reset doesn't delete any personal data, preserving the majority of your crucial files.

- Go to Settings, then Update and Security.
- In the left panel, you can find the option named "Recovery."



- Select the option Get started under Reset this PC.

Recovery

Reset this PC

If your PC isn't running well, resetting it might help. This lets you choose to keep your personal files or remove them, and then reinstalls Windows.

Get started

Your system will reboot after you press the button. Save any vital files before pressing the button. After your system has restarted, you can choose to keep your files or delete everything.

Conclusion

If any of us meets the WHEA error or another blue screen problem, it can be frustrating. The solutions listed above should resolve your WHEA error. Make sure not to lose any critical data. Make a backup of data that has been lost due to BSOD. After that, proceed to correct the WHEA error.

FAQs

Is Windows Hardware Error Architecture Error Serious?

It's hardware issues if you encounter WHEA UNCORRECTABLE ERROR. You'll most likely need to uninstall or install Windows 10 from scratch. In most circumstances, reinstalling the operating system will result in data loss. As a result, even if your computer fails to boot, you should try to retrieve data from it.

Can Overheating Cause WHEA Uncorrectable Error?

A typical BSOD issue is WHEA UNCORRECTABLE ERROR. A defective hardware component might cause it. Low charge to the processor and heating CPU due to overclocking. Also, poor cooling systems are the most typical cause.

Can Undervolting Cause WHEA Uncorrectable Error?

Yes, under-volt (+heat) is the culprit. Undervolting is temperature-sensitive. For example, -100mV can be stable at temperatures up to 80 degrees. It becomes unstable at temperatures above 85 degrees. Undervolting potential decreases as the CPU ages.

What Causes WHEA Internal Error?

A faulty system element is frequently to blame for the WHEA internal issue in Windows 10. One approach for resolving this issue may entail taking some actions concerning your drivers. Your specific problem may need scanning a particular area of your computer.